

Overview of Potential Power Supply Sources

Potential Resource	Primary Market Product	Relative Expected Price (or Cost)	Long-Term Price Stability	CO2 emissions	Delivery Profile	Unit Contingent?	Scale of Available Resource	Renewable?	Potential VT Power System Benefits?
Proposed HQUS PPA	Energy	Moderate	Substantial	Very low	Onpeak (7x16)	No	Large	Yes	Yes
Existing Hydro	Energy	High	High	None	Intermittent (heavy spring)	Yes	Medium	Yes	No
New Combined Cycle	Energy & Capacity	High	Low to Moderate	Moderate	Onpeak	Yes	Large	No	Yes, if located in VT
Existing Combined Cycle	Energy & Capacity	Moderate to High	Low to Moderate	Moderate	Onpeak	Yes	Large	No	No
Forward Energy Market Purchases	Energy	Moderate	Low	High	Flexible shape, fixed in advance	No	Large	No	No
Wind (utility scale)	Energy	High	High	None	Intermittent (higher winter)	Yes	Medium	Premium	Yes, if located in VT
Biomass (utility scale)	Energy	Very High	Moderate to High	Low	Baseload	Yes	Medium	State-specific	Yes, if located in VT
Solar (utility scale)	Energy & Capacity	Very High	High	None	Intermittent (high summer peak)	Yes	Small	Premium	Yes, if located in VT
Vermont Renewables (small scale)	Energy & Capacity	Very High	High	Source-specific	Source-specific	Yes	Uncertain	Yes	Yes
GMP Hydro Upgrades	Energy	Site-specific	High	None	Intermittent (high spring)	Yes	Small	Yes	Yes
New Peaking Capacity	Capacity	High	Low	High	Peaking	Yes	Small (for energy)	Premium	Yes, if located in VT

Notes

All sources are assumed to include retention of their generation attributes.

"Premium" renewable indicates RPS Class 1 or comparable eligibility.

Potential power system benefits refer to LMP suppression and/or enhancement of system reliability.

Many of the potential resources could potentially be obtained via a long-term PPA or ownership.